

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX061418\
 Data File : VX002556.D
 Acq On : 14 Jun 2018 17:12
 Operator : JC/MD
 Sample : J3406-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180606MSD

Manual Integrations
 APPROVED

MMDadoda
 6/15/2018 1:11:54 PM

Quant Time: Jun 15 02:15:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365290	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218073	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	162044	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
35) Dibromofluoromethane	5.51	113	127784	44.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.96%	
50) Toluene-d8	8.72	98	473157	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	
62) 4-Bromofluorobenzene	11.14	95	182265	42.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	106350	41.883	ug/l	99
3) Chloromethane	1.32	50	127854	43.575	ug/l	99
4) Vinyl Chloride	1.40	62	162406	50.748	ug/l	98
5) Bromomethane	1.64	94	86191	47.420	ug/l	99
6) Chloroethane	1.72	64	93911	45.365	ug/l	99
7) Trichlorofluoromethane	1.93	101	243671	49.974	ug/l	98
8) Diethyl Ether	2.19	74	92795	53.732	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	131160	49.847	ug/l	99
10) Methyl Iodide	2.51	142	170174	45.980	ug/l	100
11) Tert butyl alcohol	3.09	59	183991	257.615	ug/l	100
12) 1,1-Dichloroethene	2.37	96	125302	48.186	ug/l	95
13) Acrolein	2.29	56	56529	159.455	ug/l	98
14) Allyl chloride	2.73	41	242859	43.035	ug/l	100
15) Acrylonitrile	3.15	53	400604	270.256	ug/l	100
16) Acetone	2.45	43	376728	250.836	ug/l	100
17) Carbon Disulfide	2.57	76	285584	41.669	ug/l	98
18) Methyl Acetate	2.78	43	185273	53.113	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	505875	56.159	ug/l	98
20) Methylene Chloride	2.86	84	147251	53.509	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	135736	47.334	ug/l	96
22) Diisopropyl ether	3.88	45	486515	51.654	ug/l	99
23) Vinyl Acetate	3.83	43	1964134	214.699	ug/l	100
24) 1,1-Dichloroethane	3.70	63	247306	44.339	ug/l	99
25) 2-Butanone	4.71	43	550440	229.826	ug/l	99
26) 2,2-Dichloropropane	4.59	77	121660	27.904	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	184909	59.292	ug/l	89
28) Bromochloromethane	5.03	49	129518	54.952	ug/l	98
29) Tetrahydrofuran	5.17	42	355535	230.244	ug/l	98
30) Chloroform	5.22	83	260000	48.308	ug/l	97
31) Cyclohexane	5.57	56	201830	45.762	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	225936	49.499	ug/l	100
36) 1,1-Dichloropropene	5.80	75	182528	47.530	ug/l	99
37) Ethyl Acetate	4.87	43	207825	45.000	ug/l	100
38) Carbon Tetrachloride	5.79	117	193609	48.192	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	198499	41.881	ug/l	96
40) Benzene	6.15	78	551258	46.817	ug/l	100
41) Methacrylonitrile	5.07	41	125883	47.615	ug/l	99
42) 1,2-Dichloroethane	6.20	62	219237	46.863	ug/l	100
43) Isopropyl Acetate	6.47	43	363440	46.332	ug/l	100
44) Trichloroethene	7.21	130	153536	46.982	ug/l	99
45) 1,2-Dichloropropane	7.52	63	149505	47.032	ug/l	99
46) Dibromomethane	7.67	93	101340	47.027	ug/l	99
47) Bromodichloromethane	7.90	83	189092	48.518	ug/l	97
48) Methyl methacrylate	7.78	41	186762	47.398	ug/l	98
49) 1,4-Dioxane	7.76	88	69117	938.156	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1181529	241.870	ug/l	99
52) Toluene	8.79	92	358541	47.876	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	207444	44.385	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	195358	44.304	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	149104	48.408	ug/l	99
56) Ethyl methacrylate	9.18	69	235567	47.903	ug/l	99
57) 1,3-Dichloropropane	9.38	76	248063	48.006	ug/l	100
59) 2-Hexanone	9.50	43	898513	238.131	ug/l	98
60) Dibromochloromethane	9.59	129	156144	50.399	ug/l	99
61) 1,2-Dibromoethane	9.68	107	156950	48.870	ug/l	100
64) Tetrachloroethene	9.34	164	146147	40.879	ug/l	99
65) Chlorobenzene	10.14	112	414876	48.098	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	156021	49.954	ug/l	100
67) Ethyl Benzene	10.26	91	702528	48.668	ug/l	99
68) m/p-Xylenes	10.37	106	542018	96.593	ug/l	99
69) o-Xylene	10.70	106	268547	48.091	ug/l	100
70) Styrene	10.72	104	444527	48.695	ug/l	99
71) Bromoform	10.86	173	121701	43.958	ug/l	100
73) Isopropylbenzene	11.02	105	727649	47.966	ug/l	100
74) N-amyl acetate	6.47	43	363440	44.462	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	232161	48.658	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	217692m	45.494	ug/l	
77) Bromobenzene	11.26	156	202040	47.440	ug/l	99
78) n-propylbenzene	11.37	91	823677	48.850	ug/l	99
79) 2-Chlorotoluene	11.43	91	486924	45.734	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	616738	47.398	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	50463	36.967	ug/l	98
82) 4-Chlorotoluene	11.51	91	578325	47.060	ug/l	99
83) tert-Butylbenzene	11.77	119	631983	49.877	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	633222m	47.276	ug/l	
85) sec-Butylbenzene	11.95	105	741716	49.933	ug/l	99
86) p-Isopropyltoluene	12.07	119	667315	49.320	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	366827	48.172	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	372938	47.513	ug/l	99
89) n-Butylbenzene	12.39	91	565921	49.871	ug/l	99
90) Hexachloroethane	12.60	117	105733	48.954	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	374521	47.535	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53641	51.411	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	277103	50.159	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	134633	49.317	ug/l	99
95) Naphthalene	13.84	128	817766	51.519	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	286207	50.798	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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